

Cracklin' Static

March 2025 Edition



SIERRA NEVADA
Amateur Radio Society

SNARS BREAKFAST MEETING SET FOR FEBRUARY 1, 2025

See Page 3 for details!

SNARS NET on DMR – Tuesdays 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury Closing Balances As of February 21, 2025

Operating	\$2961
Convention	\$4061
Self Insurance	\$17015
Savings	\$4117
PayPal	\$220
Total	\$28373

Net Income / Year	\$313
Net Income / Month	\$-15
Memberships	8

Donations	
PayPal Giving	\$0
Members	\$330
Total	\$330

Notes:

- Notes:
1. Transferred \$2,000 from Paypal to Operating
 2. Purchased A/V equipment for meetings

SNARS Membership as of 2025

Total	407	
Extra	140	35%
Technician	133	33%
General	116	29%
Advanced	13	3%
No License	5	1%

SNARS members ARRL:	259	64%
Life members ARRL:	37	9%

SNARS ARRL Members 296 73%

Volunteer Examiners (VE's): 47 12%

PRESIDENT'S VOICE

SNARS PRESIDENT BARRY BETTMAN, K6ST



Hi Everyone,
Welcome to more daylight light for ham radio coming up Sunday March 9th 2:00am when daylight savings time begins (spring your clock forward 1 hour).

This month on Saturday March 1, 2025 we will have the third SNARS meeting of the year at our favorite Jacks Coffee Shop #2 605 N Wells Ave, Reno and hybrid on zoom. 7AM Breakfast, 8AM SNARS Meeting. followed by the Presentation: Ham Radio WINLINK Messaging with Ed KJ7HDY. Please register: <https://snars.org/monthly-meeting/>

SNARS In-Person/Zoom Meeting
Jack's Coffee Shop #2
Saturday, March 1st
REGISTER NOW!
Click for more info

RENO EXPO 2025 Reno-Sparks Convention Center
Join the team! Help at the SNARS booth
Dates: March 25 Setup, March 28-30, 2025, March 30 Tear down
Show Hours: Tue 11a-1p Setup | Fri 10a-6p | Sat 10a-6p | Sun 10a-5p | Sun 5p- 6p + Tear Down

Upcoming March 28th-30th SNARS will have our pavilion at the Reno Off Road Expo for 3 days Friday, Saturday, Sunday; plus setup on Tuesday 3-25 and teardown after the event on Sunday. We have been doing this expo in conjunction with Washoe ARES for several years. It is really fun and you meet many interested people in ham radio. By the way, this Expo is put on by Lockett Shows, and Al Lockett is a ham radio operator too! We would love to have you help out at the expo and have fun together too! Please register <https://forms.gle/r26dKD2PiSuJVdw48> or on the banner above.

Congratulations to 7 adult scout leaders who passed their technician exam and 10 of the 16 scouts who passed their tests also. The others will pass next time. I am very proud of all of them! 73 Krystal AJ6GC, VE Liaison...

And see the Youth Column article on page 10 below for more details about the scouts' license testing.



This coming weekend Friday, Feb 28th 4PM -- Sunday, March 2nd 4PM Pacific time. This will be one of the premier Single Side Band hf contests. But you don't need to be a contester to snag some great DX, just get on the air and work dx stations. Our exchange will be 59 Nevada (or 59 California if you are operating from there). You can only work DX (not continental US 48-states, and not Canada).

Contest Objective: To encourage W/VE stations to expand their knowledge of DX propagation on the HF and MF bands, improve operating skills, and improve station capability by creating a competition in which DX stations may only contact W/VE stations. One contest period is CW-only and one is Phone-only. Use only the 160, 80, 40, 20, 15, and 10 meter bands.

W/VE amateurs: Work as many DX stations in as many DXCC entities as possible.

DX stations: Work as many W/VE stations in as many of the 48 contiguous states and provinces as possible.

Exchange: W/VE stations send a signal report and their state or province. (See the ARRL Contest Multipliers List for a list of abbreviations.) DX stations send a signal report and power as a number or abbreviation. More Info <https://www.arrl.org/arrl-dx>

Hope to hear you on the air

73, Barry K6ST,
SNARS President



PO BOX 7727 Reno NV 89510

Yearly Dues: \$40.00 Individual • \$50.00 Family

2025 Officers

President..... Barry Bettman, K6ST
Vice-President..... Krystal Nelson AJ6GC
Treasurer..... Doug Edmondo, W7DBE
Secretary..... Anthony Marcin, W7XM
Director John Byerly, N7ROJ
Director Jim Shepherd, W6US
Director Greg Krantz NT7Q

2025 Staff

Cracklin Static	Howie Holden, WB2AWQ
W7TA Trustee	Peter DeBay, KE7VSR
KR7ENO Trustee	Howie Holden, WB2AWQ
Control Operator	Pat Sheehan, W7DED
Youth Involvement	Barry Bettman K6ST
NVQSO Coordinator	Jim Shepherd, W6US
Historian	Robin Maguire-Jones KF7VVE
Tech Team Lead	Pat Sheehan, W7DED
Membership	Kim Farnham, KG7TMA
PIO	Vacant
VE Coordinator	Krystal Nelson, AJ6GC
Meeting Greeter	Bill Jones, AE7OX
DMR Net Manager	Anthony Marcin, W7XM
Reno Ham Swap	Wes Vick, KG7QXE
Webmaster	Erik Andreasen, K6CZH
Club Sales Manager	Vacant
Recording Secretary	Doug Edmondo, W7DBE
Equipment Manager	Tyler Maggert, K7TDM

Cracklin Static Publication

Editor: Howie Holden WB2AWQ - holden7471@msn.com
Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Cracklin' Static is published the week before meetings. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday (or whichever Saturday is the meeting) of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Not Linked
444.875 + PL 100.0	Yerington	Online
444.125 + PL 123.0	Reno Sparks (coming soon)	Online

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Downtown Reno	Online
441.950 + CC 1	Fallon, Fernley	Online

Fusion Systems

146.610—DGID 28	Reno, Carson, Dayton	Online
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IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Not Linked
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Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Offline

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online

Online
 Offline
 Not Linked

Visit <https://snars.org/repeaters/analog> for additional updates/status on repeaters.

SNARS In-Person and Virtual Monthly Meeting

**SNARS Monthly Meeting
(hybrid in-person & virtual Zoom)
Saturday, March 1, 2025 at Jack's Café #2,
605 N. Wells Ave, Reno NV. Breakfast
In-Person 7 AM (breakfast), SNARS Meeting
at 8 AM both Zoom and in-person**

**PRESENTATION:
Ham Radio WINLINK
Messaging with Ed
KJ7HDY**



**MEETING
NOTICE!**

SNARS In-Person/Zoom Meeting

Jack's Coffee Shop #2

Saturday, March 1st

REGISTER NOW!

Click for more info



To join in person or via Zoom, register here:

<https://snars.org/monthly-meeting/>



Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
147.150 + PL123.0 – Lake Tahoe / Truckee
147.210 + PL 100.0 - Reno
444.875 + PL 100.0 - Yerington
146.925 - 123.0 – Lovelock / Fallon
146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

SNARS Noon Net	Mon—Fri @ 12:00pm
ERC Net for NV and Northern CA	Monday @ 9:15pm
N. Western NV ARES Net	Thursday @ 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Weak Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

Join us on SNARS Telegram Channel

Visit <https://snars.org/telegram/>



Telegram

a new era of messaging

Our official channel for members to communicate with each other via chat, ask questions and get the latest information about the club, repeater status and amateur



SNARS Weekly DMR Net

Tuesdays 8:00PM

SNARS Talk Group 31328

SNARS CALENDAR

SNARS Breakfast meeting March 1 (see page 3)

March 8 QCWA Meeting, Famous Dave's BBQ, 11 AM to 1 PM, 4925 Kietzke Lane, Reno

SNARS Board Meeting Wednesday, March 12, 6:00PM. Location and mode Chin Chin, Sparks, and on Zoom. Click on this link:

<https://snars.org/activities/meetings/>

The calendar is below the monthly meetings.

Feb 15, 2025 One Day Ham Review and License Exams. One Day Ham Review starts at 8 AM, License Exams start at approx. 12 Noon. REOC Training Center, 5190 Spectrum Blvd, Reno NV. See <https://snars.org/exams/> for details. You MUST register for the One Day Ham Review and for the exams SEPARATELY!

HAM RADIO ELMERING NIGHT on Zoom 7:00 PM Monday February 17, 2024 see <https://snars.org/hamradionight/>

Reno QRP Group Meeting Tuesday, February 18, 11am – 12pm, Jack's Coffee Shop #2, 605 N Wells Ave, Reno, NV. Contact Ed, WD7Y WD7Y@sbcglobal.net for more info. If cancellation is needed, will be announced on the SNARS noon net.

Next months SNARS Breakfast Meeting, March 1, 7 AM (Zoom 8 AM). Location and media mode tentative, depending on Board decision.

WELCOME NEW MEMBERS

AS OF February 23

Richard	Wait	KK7ZAE
Rhett	Wiggen	KG7FCH
Cathy	Copeland	KK6EJP
Mark	Ono	KK7SRE
Daniel	Westbrook	KK7WYV
Paul	Walkewicz	AB7AK
Paul	Fremau	KB3HVZ
Robert	Wien	KG6RJW

ELMER ABILITIES SURVEY

(FROM LAST MONTH). IF YOU'VE ALREADY FILLED THIS OUT, THANK YOU! IF NOT, PLEASE DO SO, COPY INTO WORD AND SEND TO JIM SHEPHERD, W6US nvjims@gmail.com

ELMER ABILITIES

Name _____ Call _____

Email _____ Phone (____) _____

Technical Knowledge:

HF wire antennas __ HF beams __ Coax __ Ladder Line __ Open wire transmission line __
HF grounding __ HF lightning protection __ HF RFI troubleshooting __ HF propagation __
HF operation-Voice __ -CW __ -RTTY __ -PSK __ -Other Digital __ -BBS __ -AMTOR/PACTOR __
HF DX operations __ HF Contest operations __ HF Net operations __ HF ragchewing __
HF linear use __ HF antenna tuners __

VHF+ wire antennas __ VHF yagi antennas __ VHF dishes __ VHF arrays __ VHF circular __
VHF grounding __ VHF lightning protection __ Assembling UHF connectors __ VHF coax __
VHF hardline __ VHF repeater usage __ CTCSS tones __ VHF FM communications __
VHF SSB operation __ VHF weak signal operations __ VHF digital modes __ APRS __
VHF contest operations __ VHF Mobile Operations __ VHF radio programming __

List radios that you can hand program: _____

Microwave operations __ Transverter use __ Moonbounce __

Computer interfaces with radios __ Computer programs for radio _____

Radio software _____

Skills:

Soldering- Large wire/item __ -Discreet components __ -Printed circuits __ Surface mount __
Antenna work- simple support structures __ -assembling antennas __ getting halyards over trees __
-erecting ground based antennas __ -erecting roof based antennas __ -CERTIFIED Tower climber __
-Ground crew for tower work __ -Tuning wire antennas __ - Tuning beams/yagis __
Sheet metal work __ Welder- gas __ -stick __ -TIG/MIG __ Machinist-lathe __ -mill __ -CNC __

Your Equipment: (to be used by you—not loaner)

Service Monitor model _____ Basic antenna analyzer model _____

Advanced antenna analyzer _____

Spectrum analyzer _____

Watt meter _____ SWR meter _____

TDR – HF _____ -VHF+ _____

Precision signal generator _____

Precision frequency meter _____

Tracking generator _____ Deviation meter _____

Large dummy load (kw or better) _____ Large attenuator _____

Precision volt meters-RF _____ -AC _____ -DC _____

TIMS _____ Oscilloscope _____

Radio programming software and cables list radios: _____

COPY AND PASTE THIS INTO A WORD DOCUMENT TO FILL OUT

THE NAME OF THE GAME

Jim Shepherd W6US

TEST EQUIPMENT

All hams should have some test equipment as it will be needed...

The first piece of equipment that you should consider is a good handheld digital multimeter. Fluke is the leader in good quality gear, and they are rugged and will last a lifetime with a little care. There are some others that are good, but there is a lot of junk available on the web and through discount retailers. Meters should be at least accurate to a hundredth of a volt under 50 volts, and a tenth of a volt above. Even if you don't plan on checking anything more than your handheld batteries, the insulation and ratings on the meter should be good to 600 volts for your safety. The meter should be able to display negative voltages if you end up with the red probe on the negative and the black on the positive—most handheld batteries do not have the polarity marked on the contacts. Auto-ranging is a big help when you are testing components on the ohm scale. Auto turn-off is handy for preventing dead batteries, as it is easy to leave the meter on by accident. Other features that may be included include audio frequency counters, capacitance meters, and amp meters. These will run from about \$40 up into the hundreds of dollars depending upon features.

A good in-line SWR meter is probably the second piece of equipment found in most shacks. A cross needle meter type showing both forward and reflected power makes matching radios to their antennas very easy. It should be usable for frequencies from 1 MHz up to 500 MHz to allow use on

HF and VHF/UHF systems. Some do this with separate input/outputs for HF and the higher frequencies, and other have internal circuitry to make them work. It should have a sufficient power rating for the radios you are using. With these units you are looking at relative power levels between the forward and reflective power—they are usually have $\pm 20\%$ accuracy on their power readings. You are more interested in peaking your forward power and hitting a minimum on the reflected power. For more precise power measurements, a dedicated power meter

like the Bird 43 with the appropriate slugs can be used, but they will run \$4-500 with a couple of slugs used on Ebay... The cross needle meters will run \$50-100.

An oscilloscope is probably the next piece of equipment to grace your bench. There are two types in common usage, the CRT and the digital display. Most of us who work in the analog world prefer the CRT displays. Those who have to backpack one up the hill to a repeater site like the digital displays as they will usually have the capability to run on 12 volts DC and weigh a whole lot less. There are tons of excel-

lent used o'scopes available on Ebay and at swap meets for very reasonable prices. HP, Tektronix, Rigol, and Agilent are the best makers, and new they may run thousands of dollars—on the used markets they can be had for under \$200. A lot have plug in modules that allow you to expand their use into the UHF frequencies and even turn them into spectrum analyzers. You can use them to check your modulation, measure AC peak to peak voltages, look at waveforms and many other useful tests. Besides, having one running in the shack hooked to your audio looks impressive to visitors...

Continued on next page....



Continued from previous page....

Antenna analyzers are also a popular addition to your shack. The MFJ units are inexpensive and provide good results. If you are going to build your own antennas they are the best way to tune them without putting a signal out on the air. A number of club members have these units and some are willing to help you check your antennas. The NanoVNAs are rapidly replacing the single purpose antenna analyzers. They have the capability to give graphical output showing the effect of changing frequencies on the antenna's performance. They are also useful for evaluating filters, tuned circuits, transmission line faults, and a host of other things. They are also less expensive than dedicated antenna analyzers. The next step up is something like the Anritsu SiteMaster which costs a few thousand dollars.

Signal generators cover a wide class of test gear. They can produce signals from audio up into the microwave frequencies depending upon the units. They can produce various waveforms from sine to square waves and even pulses. They can mix frequencies, like modulating audio on RF signals and do all this at a range of signal levels. Again, used equipment can be found on the secondary market for pennies on the dollar.

A dummy load is also useful for working on transmitters

without putting a signal out on the air. Most low cost units are optimistic on their power ratings, so get one that is about twice as big as the wattage of your transmitter. I have a Bird 2500 watt continuous duty unit that will take a keyed down legal limit transmitter all day long. Power attenuators are useful when hooking transmitters to test equipment not designed for full power input.

Spectrum Analyzers let you see the frequency and bandwidth of a signal. This is important for spectral purity evaluations, modulation adjustments, and harmonic filtering. Hooked to an antenna, they can spot interfering signals. There are some small handheld models that are available at a reasonable price, but used full featured professional units occasionally show up for under a thousand that cost \$20K new.

Then there are multipurpose units like service monitors that combine a number of different functions into one box. These units are highly desired by the techs that work on the mountaintops and run several thousands of dollars used.

As you progress in ham radio, and especially if you like to build things, you will develop a collection of test equipment for troubleshooting, tuning, aligning and testing your equipment.

W7RN DOWNSIZING

Tom K5RC from the W7RN Comstock Memorial Station in Virginia City Highlands wants to let the SNARS members know, that he has antennas, & other parts he is downsizing. You can look at <https://www.w7rn.com/w7rn-downsizing-2/> to see what he has. Please email Tom Taormina, K5RC tom@k5rc.com for more information.

FROM THE W7RN WEBSITE

Over the years, we have accumulated a great deal of materials that are now excess to our needs. There are other hams that can benefit from the aluminum, coax, cables, etc. Most of it is free for the taking with a few items that have a price tag. Perhaps a Club member with room to store this stuff can be the new home for others to pick through. In any event, I really need to get it off my property. More important is that deserving hams can build projects once too costly to build. Call for an appointment and schedule a moving party as a Club Activity. 775-847-2360



Brand New Green Heron
rotator controller
Can be configured for
most rotators
\$250.00

HDBX STYLE TOWER
\$50 PER SECTION

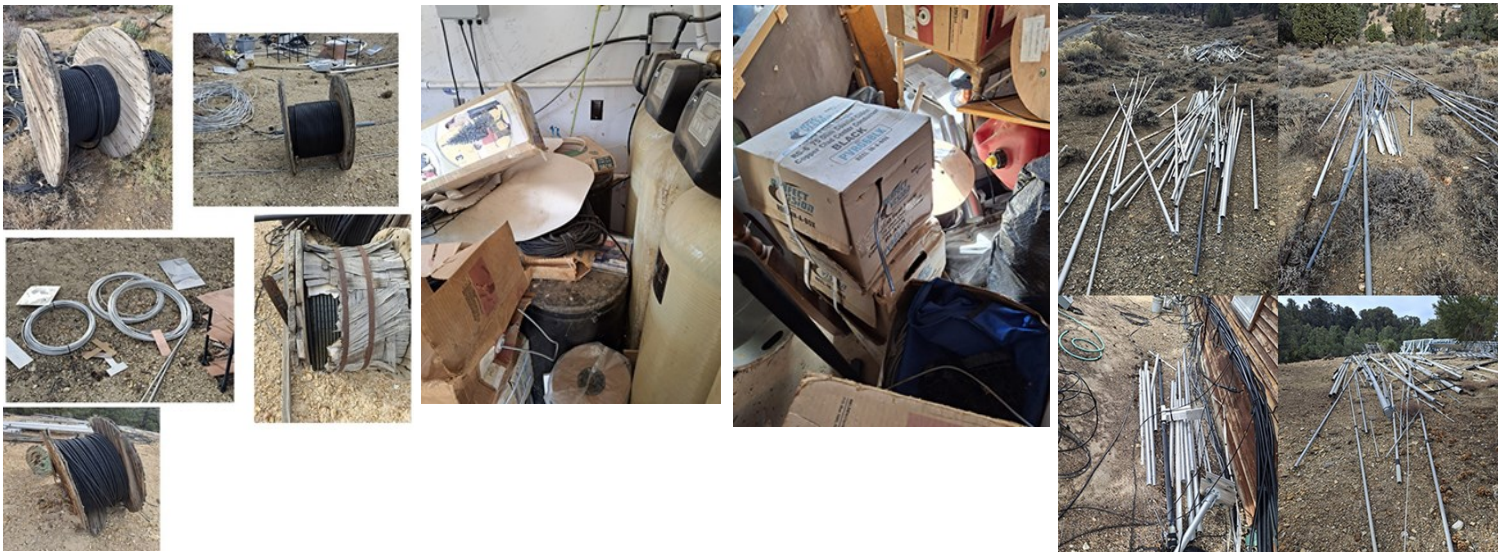


Longest Leg Measurement [ft in]	Across Flat [ft in]	Section Length [ft]	Number of sections [#]	Notes
1 3' 0"	2' 7"	8'		5 With Possible Top section
2 4' 0"	3' 6"	8'		5 With a mast and braces
3 3' 9"	3' 4"	8'		5 With possible top section
4 2' 8"	2' 3"	8'		4 with braces
5 2' 11"	2' 6"	8'		2 with a mast
6 2' 8"	2' 3"	8'		2 with braces

Tom Taormina, K5RC ARRL Life Member
DXCC Top of Honor Roll (374 Mixed)
CQ Contest Hall of Fame (#50)
FOC #1760
CWOPS #108

More pix of for sale/items free, too much to show all

NEXT PAGE



2M BEAM

6 M BEAM



440 BEAM



80 M 4 SQUARE
\$250.00



WORK PLATFORMS (2)
TRI-EX? US TOWER?
\$100 EACH



Still more pix on the W7RN website!

SNARS VOLUNTEERING

Thanks to all the SNARS members who help behind the scenes:

Please feel free to reach out to me to see how you might be of service to the club in 2025! With great appreciation,

KA5QDY Tim and the Reno scout leaders

AJ6GC Krystal and the VE Team

KL7RI John and the Washoe Ares team for ham reviews

Appreciation goes out to all of them who gracefully supported the scouts to help them get licensed.

K6ST Barry SNARS President k6st@arrrl.net

73, Barry K6ST

President, Sierra Nevada Amateur Radio Society

www.snars.org

Nevada Section Youth Coordinator

ARRL (American Radio Relay League)

www.arrrl.org

The national association for amateur radio



SHORT TAKES (By Jim Shepherd W6US)

CONTEST CALENDAR

March starts off with the Nova Scotia QSO party on this coming Sunday. The following weekend, Oklahoma, Idaho, and Wisconsin will hold their parties. Idaho is a hard state to get on 10 meters, and with the increased activity, this will be a good opportunity to make that contact. The third weekend brings the Virginia party. The CQ WPX SSB contest will be the last weekend in March and the ARRL DX SSB contest will be the first weekend. These and other contest information can be found at <https://www.contestcalendar.com/contestcal.html>

DX

Lots of expeditions this month with the DX contest the first weekend and the WPX on the last weekend. The big DX operations will be on for the contests in places like Andaman Island, Micronesia, and Montserrat. More information can be found at:

<https://www.ng3k.com/Misc/adxo.html>

THIRD MONDAY ZOOM HAM RADIO NIGHT

We will have our popular Ham Radio Elmering Nights via ZOOM to get your questions answered. It will be held at 7pm on Monday, 17 March. We really need to see more people join in the discussions, especially the new hams. More information, including the link will be published before that date.

HAMFESTS/EVENTS

Las Vegas-- On the first Saturday of every month, the local "HAMS" gather at the parking lot, the PETERSON CENTER 6455 Dean Martin Drive. The swap meet is a non-sponsored event. It is held rain or shine and on holidays. There is no charge to set up and sell at this gathering. Selling begins at sunrise and typically runs 2-3 hours, depending on the amount of items and buyers present.

The first 'local' hamswap of the year will be over the hill on 03/22/2025 at the **Loomis Historic Train Station, 5775 Horseshoe Bar Road, Loomis, CA 95650**. For full information, check their Website:

<https://hamfest.w6ek.org/>

NAME THAT RIG?

(Answer on page 13)



YOUTH INVOLVEMENT

Saturday 2-22-2025, we hosted a highly successful radio review and exam session as part of the Radio Merit Badge program. We had an incredible turnout, with 18 scouts and six adults participating. The dedicated team led the review session from ARES (Amateur Radio Emergency Service), whose involvement sparked genuine interest among the scouts. Throughout the session, scouts reviewed key concepts such as radio communication protocols, electrical components, water-crossing, and proper on-air etiquette. Their enthusiasm and dedication were evident, with 16 participants successfully passing the exam—an impressive accomplishment for everyone involved.

This event wouldn't have been possible without the outstanding support from SNARS (Sierra Nevada Amateur Radio Society). When I first brought this idea to Barry K6ST in November, he immediately saw the potential and, within hours, had gathered a team of enthusiastic volunteers ready to support the effort. The testing was facilitated by Krystal AJ6GC and her team of Volunteer Examiners (VEs), who were incredibly patient and supportive, ensuring every scout felt confident and prepared during the process. A special thank you also goes to Talkpod for their generous donation of 10 radios. This allowed us to open the door for more scouts to participate and provided valuable hands-on learning experiences.

Our goal remains to break down barriers to amateur radio—whether it's licensing, equipment, or foundational knowledge—and help scouts confidently get on the air. This experience taught us a lot and sparked ideas for hosting another event in the coming months to continue encouraging youth involvement in amateur radio.

Scout Master Tim Beeler, KA5QDY timothybeeler@me.com



Barry K6ST
President, Sierra Nevada Amateur Radio Society (www.snars.org)
Nevada Section Youth Coordinator
ARRL (American Radio Relay League) www.arrl.org
The national association for amateur radio

SNARS HAM RADIO ELMERING NIGHT



HAM RADIO ELMERING NIGHT

MONDAY, MARCH 17, AT 7:00 PM PST ON ZOOM

TOPIC BREAKOUT ROOMS

AMATEUR RADIO SATELLITES, VHF/UHF ANALOG , DMR FUSION/DSTAR

REGISTER HERE:

https://us06web.zoom.us/meeting/register/tZ0ldO-orz8uHNDRXnL1Rl6LiMqJQ_E5opjG



ARES NEWS

EVENT CALENDAR



EVENTS FOR 2025	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
One Day Ham Review for Technician & General question pool exam.	2/15/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Get SCOUT'S ON THE AIR One Day Ham Review	2/22/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Reno Off-Road & Motorsports Expo	3/28/25	3/30/25	Washoe ARES	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
One Day Ham Review for Technician & General question pool exam.	4/19/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Silver State 50/50 race	5/7/25		Silver State Striders	Steve KS6A	ks6a@sbcglobal.net
Stetina Paydirt	5/17/25		Bike Monkey	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Reno Tahoe Odyssey Relay Run	5/30/25	5/31/25	Sponsor by Reno Running Co.	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
America's Most Beautiful Bike Ride	6/1/25		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Pony Express Re-Ride	6/11/25	6/21/25	SIERA	Gerry Miller KJ7GEZ	hamsput35@gmail.com
Lost and Found Gravel Grinder SBTS	6/12/25	6/15/25		Larry Trotter KI6YUK	dltrotter@sbcglobal.net
NASTR 75/50/30 Horse Endurance	6/14/25		Nevada All-State Trail Riders, Inc	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
One Day Ham Review for Technician & General question pool exam.	6/21/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Truckee Tahoe Gravel Race	6/28/25		Bike Monkey	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Alta Alpina Challenge	6/28/25		Alta Alpina Cycling Club	Jennie Hamiter, KE7YBA	jenniehamiter@mac.com
Death Ride	7/12/25		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Tahoe Rim Trail	7/19/25	7/20/25	Tahoe Mountain Milers	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Lost Sierra Endurance Race	7/25/25		Bad Luck Run Club	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Tahoe Rim Ride 50-Horse Endurance	7/26/25		Nevada All-State Trail Riders, Inc	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
TAHOE 200 Endurance Run	7/13/25	7/17/25	Destination Trail Run	Todd Voigts KJ6DGG	kj6dgg@gmail.com
Vegas to Reno Off Road Race	TBD	TBD	Best in the Desert Racing Assn	Keith KC7HTK	kc7htkeith@hotmail.com
One Day Ham Review for Technician & General question pool exam.	8/16/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Virginia City 100-Horse Endurance	9/20/25		Nevada All-State Trail Riders, Inc.	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
Red Rock Rumble Horse Endurance	10/18/25		Nevada All-State Trail Riders, Inc.	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
One Day Ham Review for Technician & General question pool exam.	10/18/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com
Nevada Day Parade	11/1/25		NV AREA NW DEC	Tom Tobacco KE7NCJ	smokey5880@gmail.com
Scheels Turkey Trot	11/27/25		WC-ARES	Arlan Robinson, KA7ZAU	ka7zau@washoeares.org
One Day Ham Review for Technician & General question pool exam.	12/13/25		Washoe ARES	John Phillips KL7RI	phillips@yahoo.com

ARES continued on following page.....

We have one Event coming up on March 15th. Communicators are requested to help with the horse ride out in Red Rock. We have not done this site before with the horse events. This will be very exciting to get out your radio equipment and help with communications. More details on the Washoe ARES website.

You don't have to be an ARES member to participate in events.

We are looking forward to spending a couple days With SNARS Members at the Reno Expo. This is a great opportunity for both organizations to promote and gain new members and or demonstrate to the public our capabilities. This will take place on March 28 through the 30th. We need help at the ARES booth.

Exciting news, On February 22. A group of Scouts took their Ham Review and test to become young Amateur Radio Operators. Look forward to some young Ham Operators to be on the air soon.

WC-ARES needs to announce two events that have been canceled, Tahoe Rim Trail/TRTR 7/19/25 through 7/20/25. and Tahoe Rim Horse Ride 7/26/25. They had to cancel Radio Communication support this year due to Marlette Dam reconstruction and Flume pipe replacement projects.

Both events indicated they will have us return next year or when the construction is over. Both events have been updated on the Washoe ARES website.

This will bring us down to one event in July. Which is on 7/25/25, It's a one day event on Saturday starting at 5:00 AM Lost Sierra Endurance Race In Downieville, California. This event coordinator is looking for people to help out with communications for the event. If you are able to assist, check out the WC-ARES Event Sheet for more info.

We are currently still looking for net control operators. For the Hospital DMR net and 2m net. These take place on Fridays starting at 9 AM for the DMR and 10 AM for the 2m.

Arlan Duwayne Robinson (KA7ZAU)

ARES- Washoe County Emergency Coordinator

Cell: (775) 233-3530

Website: www.washoeares.org

Email: ka7zau@washoeares.org

WASHOE COUNTY

AMATEUR RADIO



EMERGENCY SERVICE



**Serving
Washoe County
and the
Sierra Nevada**

FUN STUFF FOR MARCH

March has four state QSO parties, and two ARRL/NCJ contests, shown in BOLD. Have fun!

1 Mar 0000 to 2 Mar 2359 1.8-28 ARRL International DX Contest, SSB Ph www.arrl.org/arrl-dx

8 Mar 0000 to 16 Mar 2359 3.5,7,21, 28,144 Novice Rig Roundup CW www.novicerigroundup.org

8 Mar 1000 to 9 Mar 1000 3.5-28 RSGB Commonwealth (BERU) Contest CW www.rsgbcc.org

8 Mar 1500 to 9 Mar 1500 1.8 Stew Perry Topband Challenge CW www.kkn.net/stew

8 Mar 1500 to 9 Mar 2100 3.5-28,50 Oklahoma QSO Party CW Ph Dig www.k5cm.com/okqp.htm

8 Mar 1900 to 9 Mar 1900 1.8-28 Idaho QSO Party CW Ph Dig www.idahogsoparty.org

9 Mar 0000 to 9 Mar 0359 3.5-14 North American Sprint, RTTY Dig www.ncjweb.com/Sprint-Rules.pdf

9 Mar 1000 to 9 Mar 2159 3.5-28 YOTA Contest CW Ph www.ham-yota.com

9 Mar 9 1300Z to Mar 10 0700Z and Mar 11 1300Z to Mar 12 0700Z Classic Exchange PH www.classicexchange.org

9 Mar 1800 to 10 Mar 0100 No WARC Wisconsin QSO Party CW Ph Dig www.warac.org

15 Mar 1400 to 16 Mar 2359 No WARC Virginia QSO Party CW Ph Dig www.qsl.net/sterling

15 Mar 2300 to 24 Mar 0300 3.5-14 AWA John Rollins Memorial DX Contest CW Ph www.antiquewireless.org

22 Mar 1200 to 23 Mar 1200 1.8-28 Africa All Mode International DX Contest CW Ph Dig www.mysarl.org.za

29 Mar 0000 to 30 Mar 2359 1.8-28 CQ WW WPX Contest, SSB Ph www.cqwp.com

If you want to see the full list, go [HERE](#)

DX FOR THIS MONTH

This month's DX includes a smattering of all around the globe. From Africa, the Mediterranean, Indian Ocean, South Pacific, Caribbean, etc., you name it!

Feb 12 to Mar 04	Mali	TZ1CE
Feb 18 to Mar 04	Christmas I	VK9XU
Feb 20 to Mar 06	Tanzania	5H3DX
Feb 26 to Mar 03	Panama	3F3RRC
Feb 26 to Mar 06	Maldives	8Q7FL
Mar 04 to Mar 12	Cocos Keeling	VK9CU
Mar 10 to Mar 25	Andaman Is	VU4AX

Mar 18 to Apr 01 Micronesia V6WG

Mar 24 to Apr 05 Rodrigues I 3B9DJ

Mar 24 to Mar 31 Cyprus SBA ZC4MK

You might check with: <https://www.ng3k.com/Misc/adxo.html> to see other DX, or if others have been cancelled or added to the list.

RENO QRP SLOW SPEED CW NET

NEXT NET SESSIONS WILL BE on March 6 and March 20, at 11AM Pacific Standard Time. As always, check with WD7Y@sbcglobal.net to confirm times. Target frequency 7.045 MHz, if busy search somewhere near that frequency.

THE FOLLOWING SHOULD ALWAYS BE IN YOUR REPORT:

NAME, RST, LOCATION, RIG, POWER, ANTENNA.

REMEMBER TO INCLUDE RST IN YOUR REPORT

Feel free to add something else in your exchange.

Take some time to report RST for other OP's or anything else that comes to mind.

Sharing information about you and your equipment will accomplish two things.

First It gives you and everybody else practice sending and copying.

Second It is nice to spend time on the air with your friends. Consider this a QRP meeting on the air.

Relax and have some airtime fun with your friends.

73/72 Ed/WD7Y

NAME THAT RIG (From page 9)

This is it, *the King, the BIG one*, the rig most Novices in the 50s and 60s aspired to: The **Heathkit DX-100**, of fable and somewhat dubious fame. Weighing in at an even 100 lbs, (107 if you include all the packing) the **DX-100** was no lightweight. Very few desktops moved under its weight. A poor man's Viking Valiant, the **DX-100** was available for just over two years starting in 1955, and Heath sold a ton of them, because it offered VFO or crystal control, 10 through 160 meters, including the 11 meter then-ham band (which disappeared as a ham band only to reappear as the CB band in 1958), plus it sold for a mere \$189 in kit form. The **DX-100** was popular with the CB high power—*illegal*—crowd too because it covered the 11 meter band. Using 14 tubes, including the ubiquitous 6146 pair in the output, plate modulated by a pair of 1625s, the **DX-100** was rated at 180W input, 120W phone output, and 100-140W CW. Both ratings were exaggerated some, as the 6146 original tubes were only good for a max 100 watts out, most likely somewhat less, especially on the higher bands. You can bet those CBers who used the **DX-100** went through a lot of 6146 tubes, and some amateurs too! Much has been written about the **DX-100**, including some not-so-desirable mods. Every ham wanted one in the day. There are still some out there used, even with a VFO that was less than really stable, especially these days, and lots of other quirks. But it made lots of noise on the bands.

SNARS SILENT KEYS

IN MEMORY OF SNARS MEMBERS WHO RECENTLY PASSED AWAY.

If you know of a SNARS member or friend of SNARS who has passed away recently, submit it to me WB2AWQ@arrl.net or any Board member for verification and inclusion on this page.



Board of Directors Meeting Minutes

February 12, 2025- 6:00PM

Chin Chin and Via Zoom

1. Call to order and roll call at 6:00 PM

Board of Directors:

Barry Bettman, K6ST Z

John Byerly, N7ROJ P

Doug Edmondo, W7DBE P

Anthony Marcin, W7XM Z

Krystal Nelson, AJ6GC P

Jim Shepherd, W6US P

Greg Krantz, NT7Q P

Guest(s) In attendance:

Bob Nelson KA6NSN, Dawn Krantz KK7NMO

2. Approval of Minutes - Discussion/Action

Approve January 2025 Meeting Minutes, Motion by John, Second by Krystal. Most passes.

3. Approval of Agenda - Discussion/Action

Approve Agenda - Approved.

4. Reports

A. President's Report - Barry discussed a possible multiclub picnic. Might try the pizza meeting like we did the one year in South Reno.

B. Secretary Report - 403 Members Reported and will work on the Sales Tax Exemption Renewals.

C. Treasurer - Reported on the balances for the organization. Resent ARRL membership checks due to being lost in the mail and not received. This will delay the processing of ARRL Membership.

D. Technical Team - John indicated waiting for access, ready for toulon and Winnemucca mountain in the near future. Going to Virginia Peak in the next week or two to replace the router for the DMR on Virginia Peak.

E. Control Operators / Trustee - No report.

F. Events

A. Ham Swap - Barry was able to contact Cabela's and got approval. ARRL Affiliation was sent into ARRL. Website has been updated with the May event information.

G. Education & Youth Activities -

1. Krystal discussed there will be a group of scouts attending the VE exam session / review ham day.
2. 10 Radios were donated and additional 15 were provided by the scouts to provide to those who pass their exams.
3. Jim discussed the elmering requests.

H. SNARS Noon Net and SNARS Digital Net - Barry discussed the nets are running smoothly. No other report.

5. Old Business

AV Equipment - Discussed the status of the equipment list and will order the equipment when fully compiled.

6. New Business

No New Business.

7. Board member and Public Comments

During this time members and board of directors may speak on any topic regardless if the item was agendaized.

8. Adjournment - Action

- A. Next Meeting: March 12, 2025 at 6:00PM, Location to be Announced
- B. Call For Adjournment. - Adjourned at 6:30pm